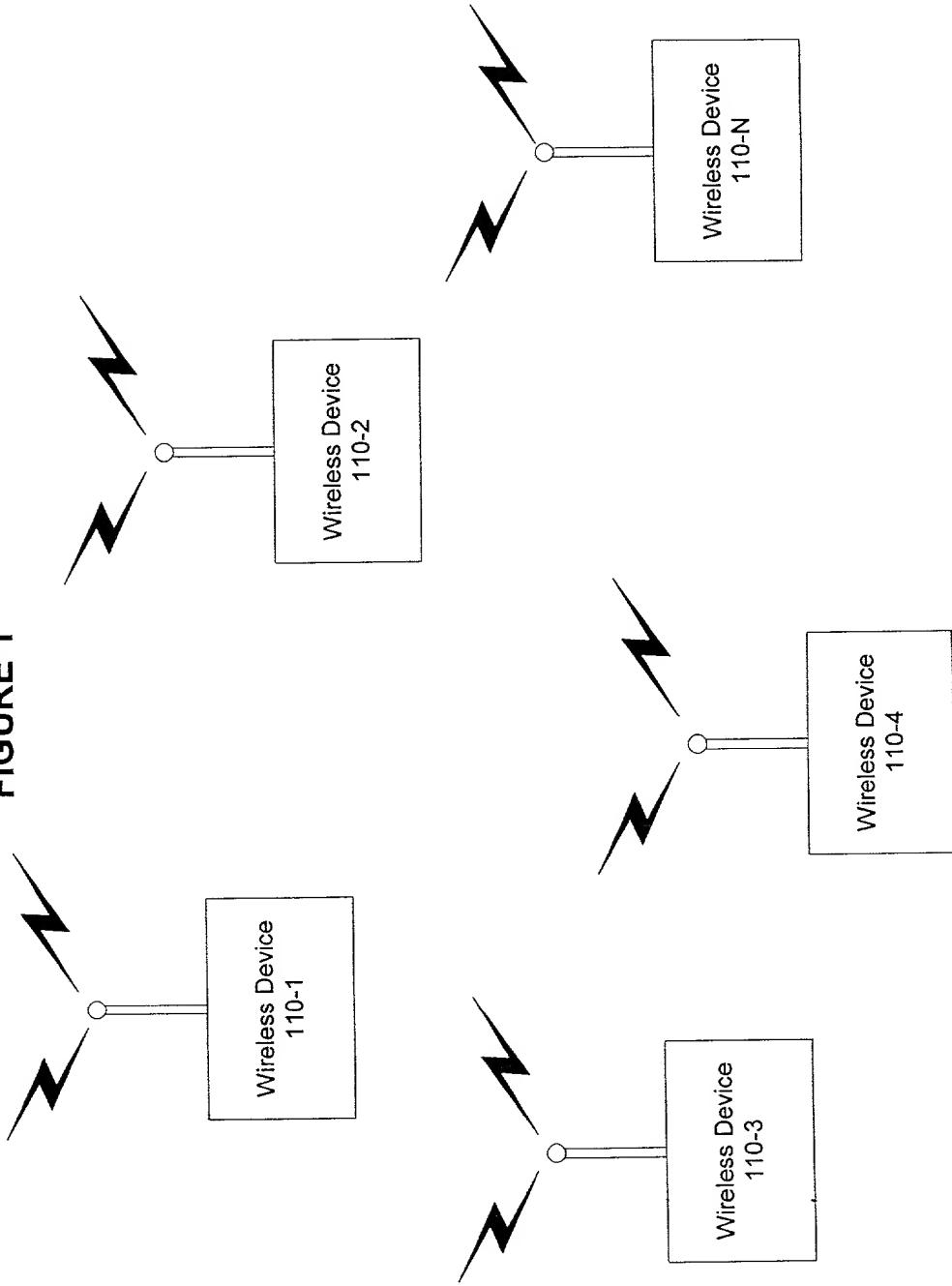


FIGURE 1



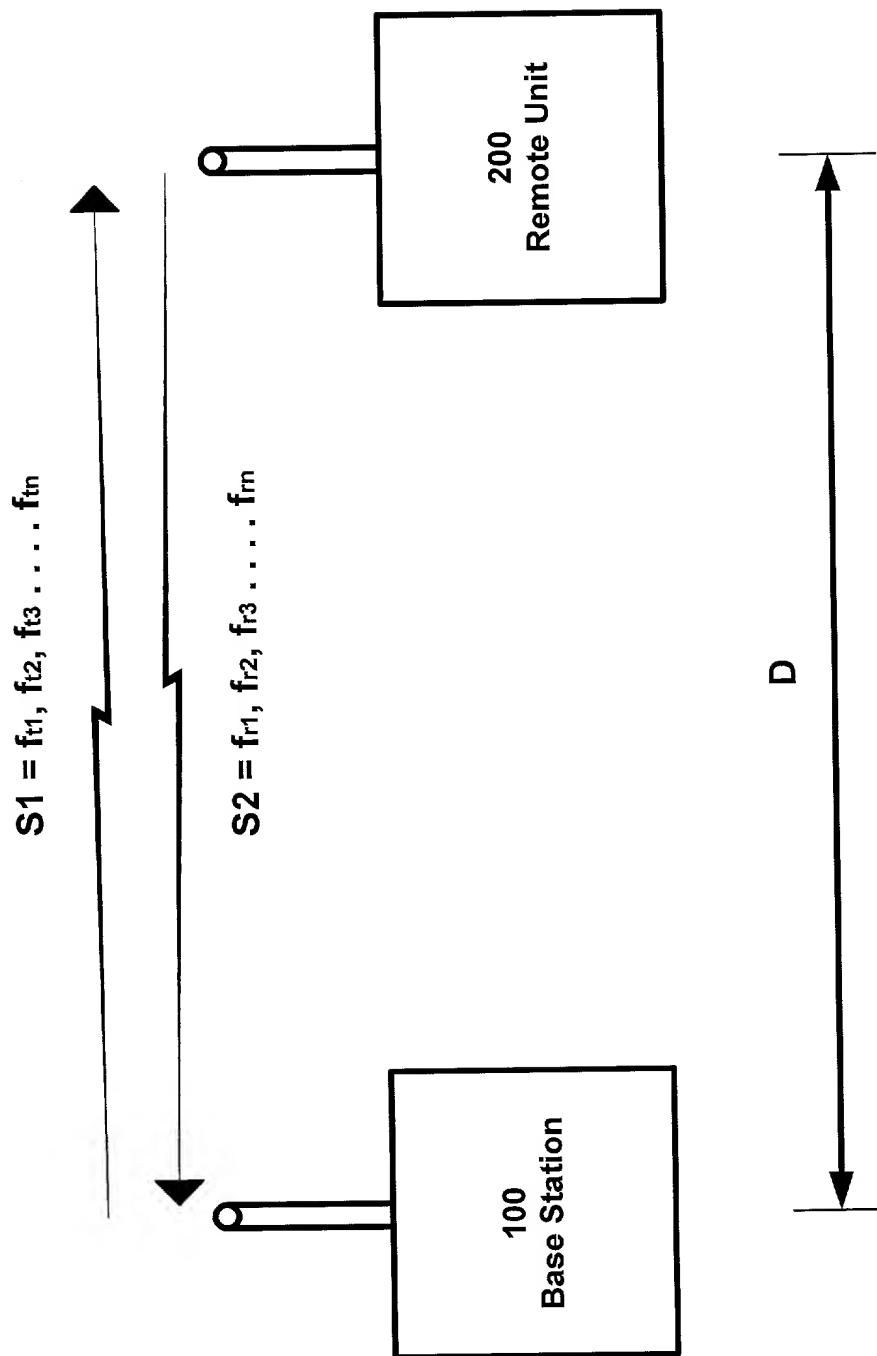


Fig. 2

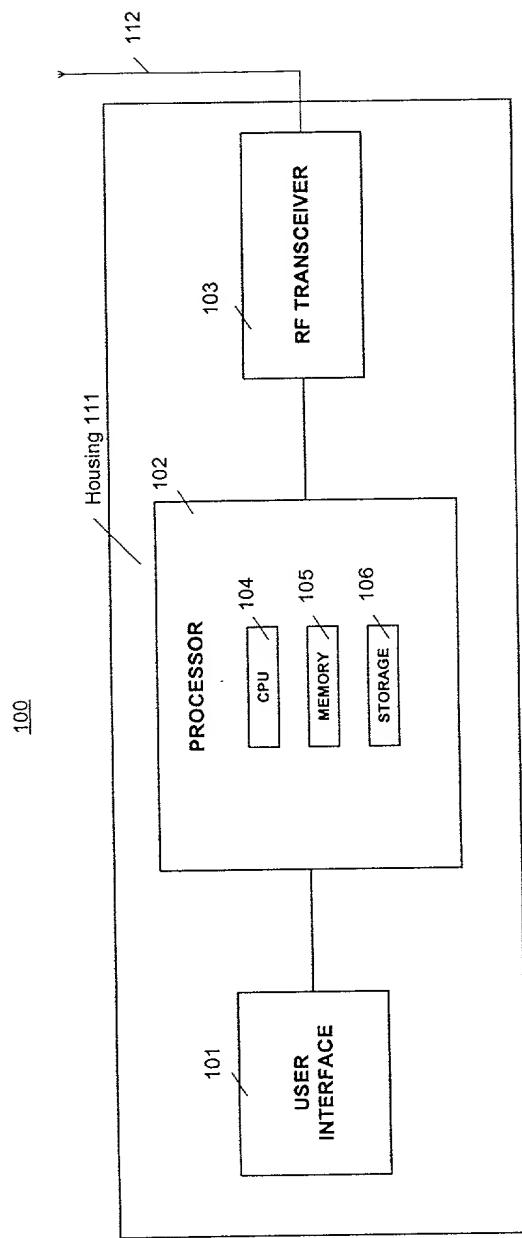


FIG. 3A

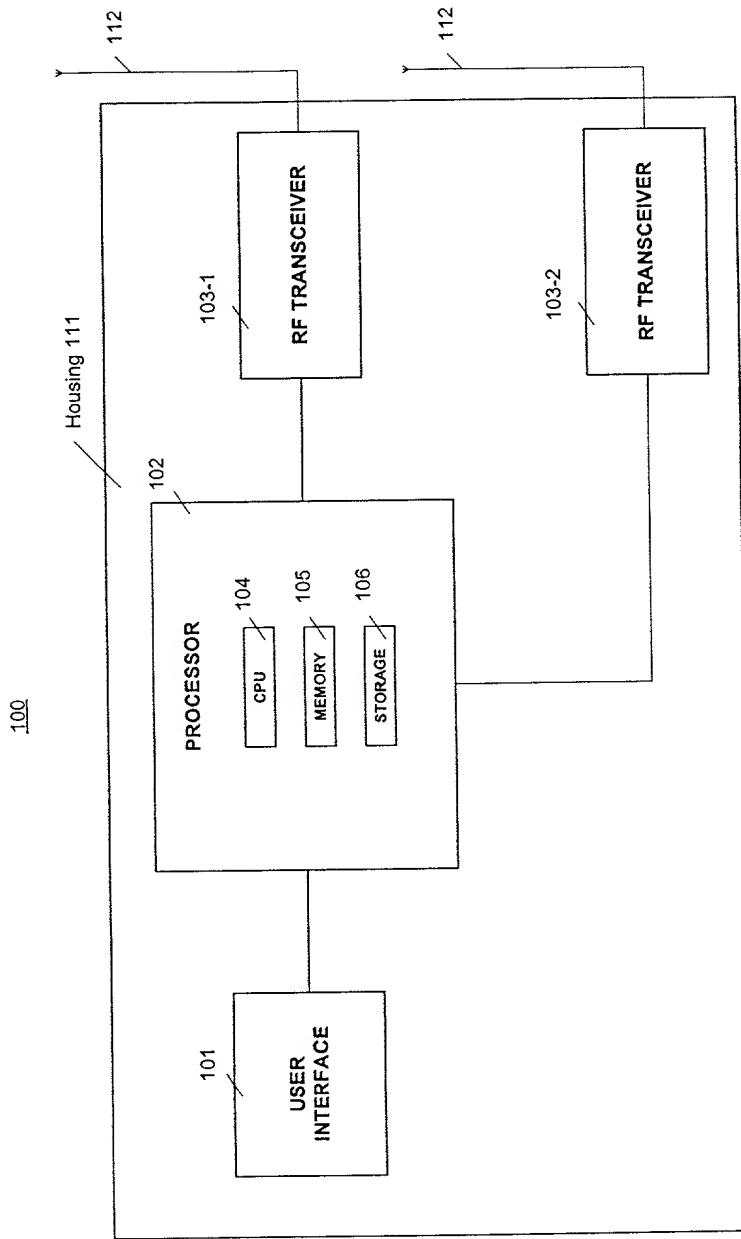


FIG. 3B

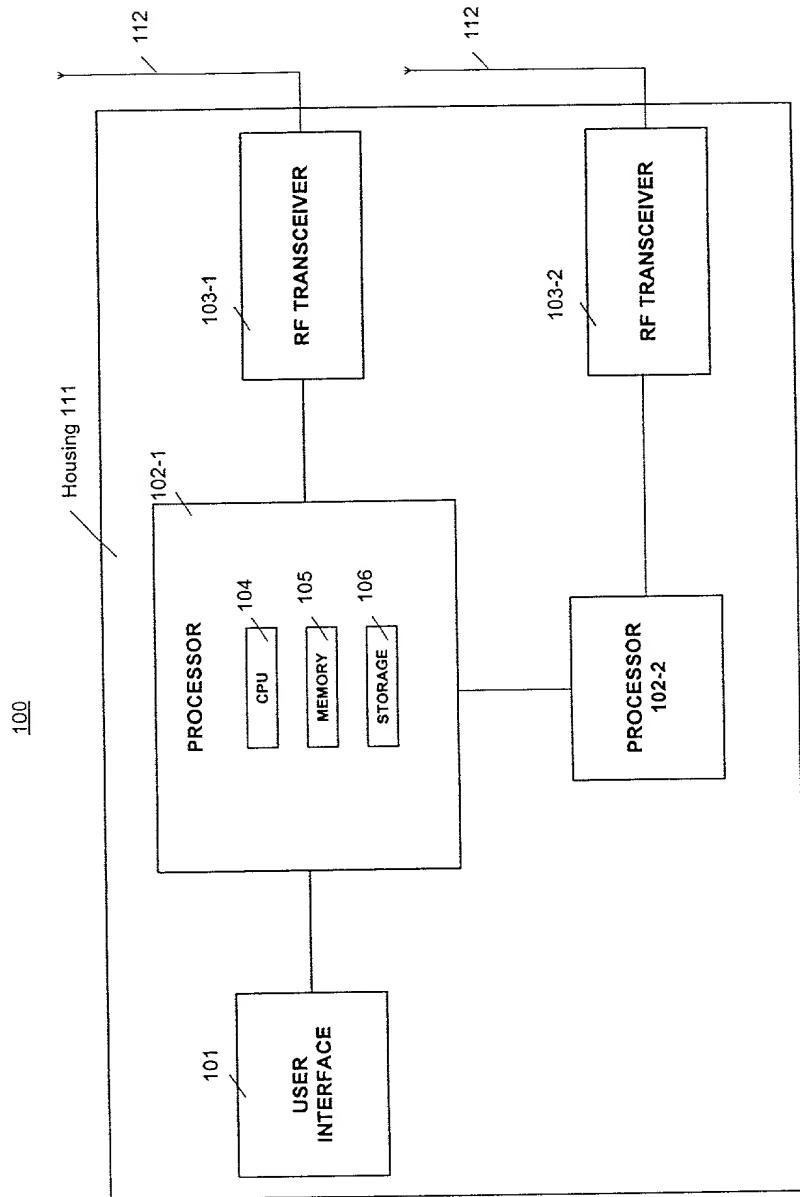


FIG. 3C

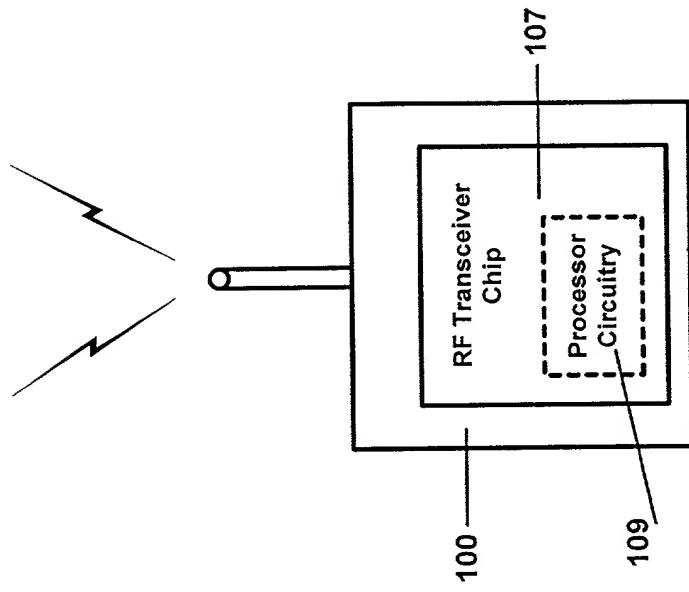


Fig. 4B

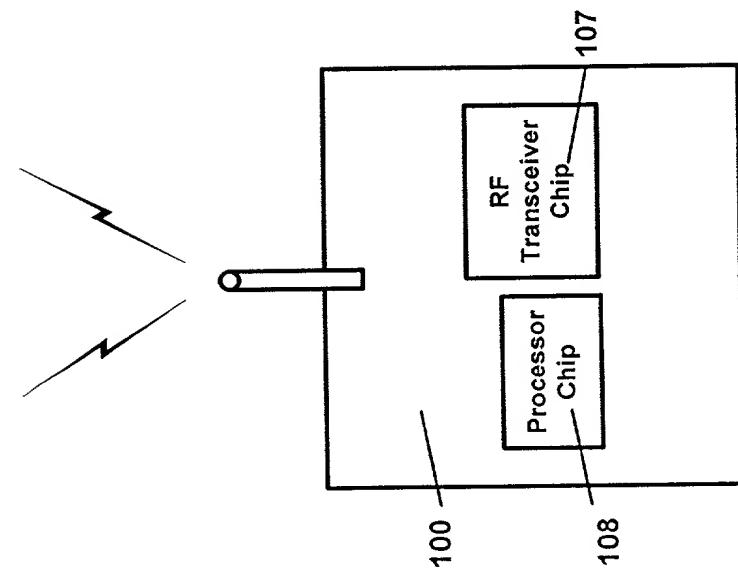
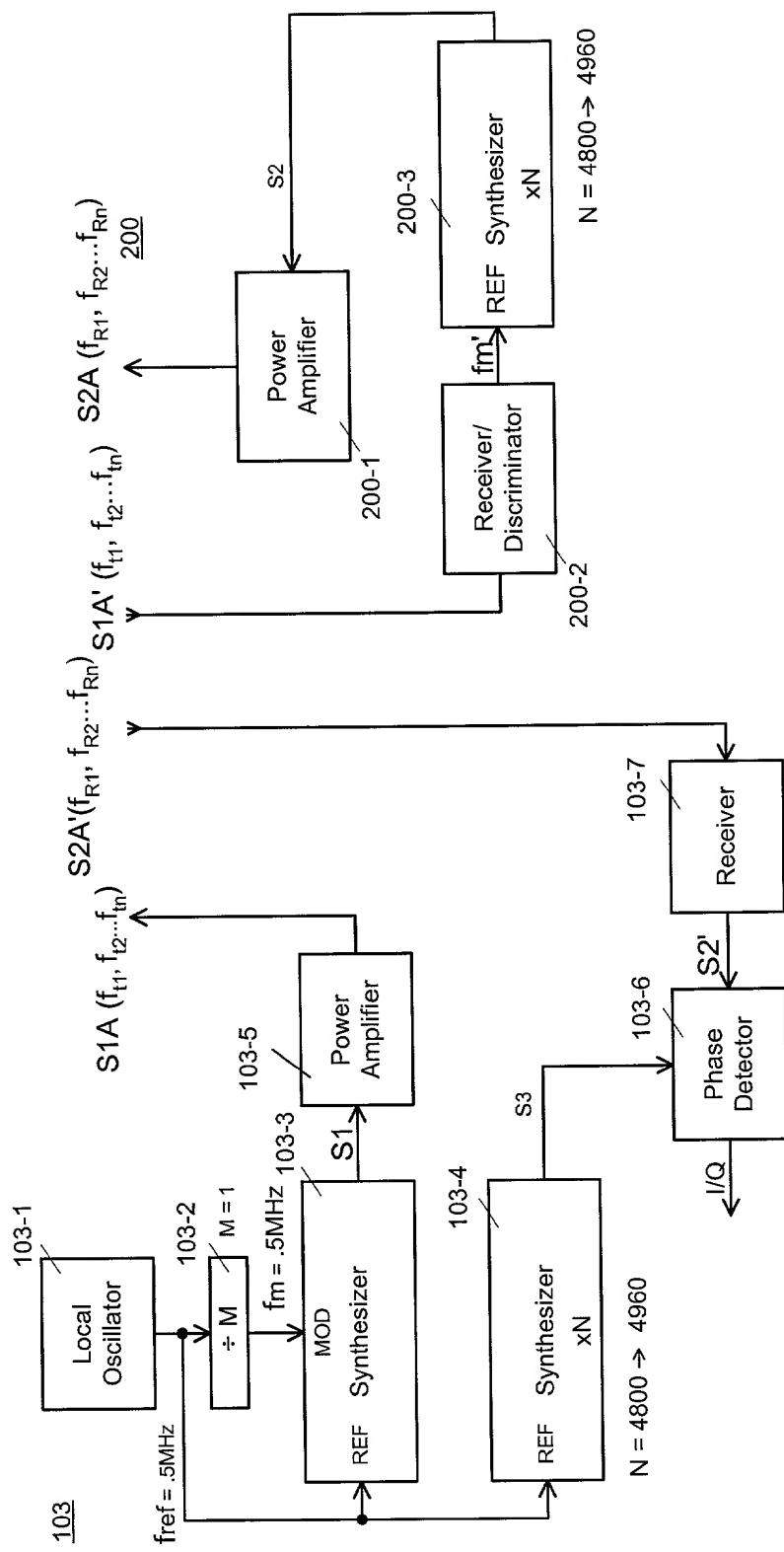


Fig. 4A



BASE STATION

5
FIG

REMOTE STATION

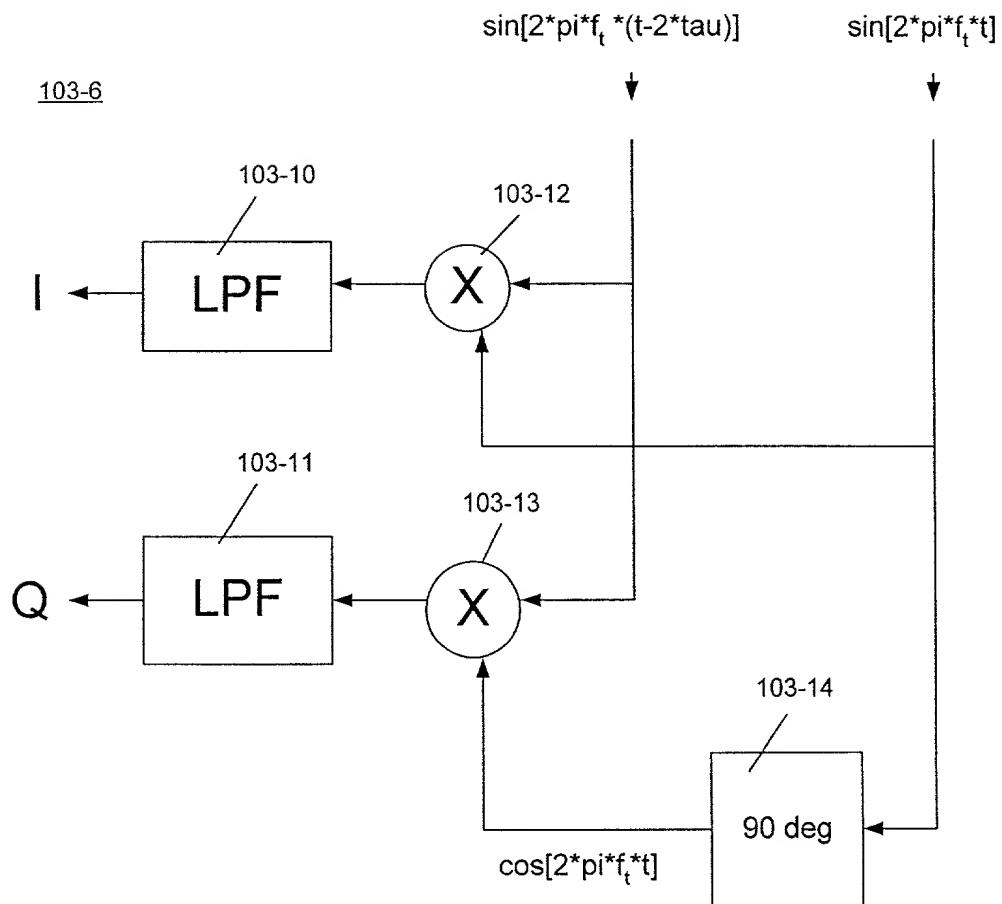


Fig. 6

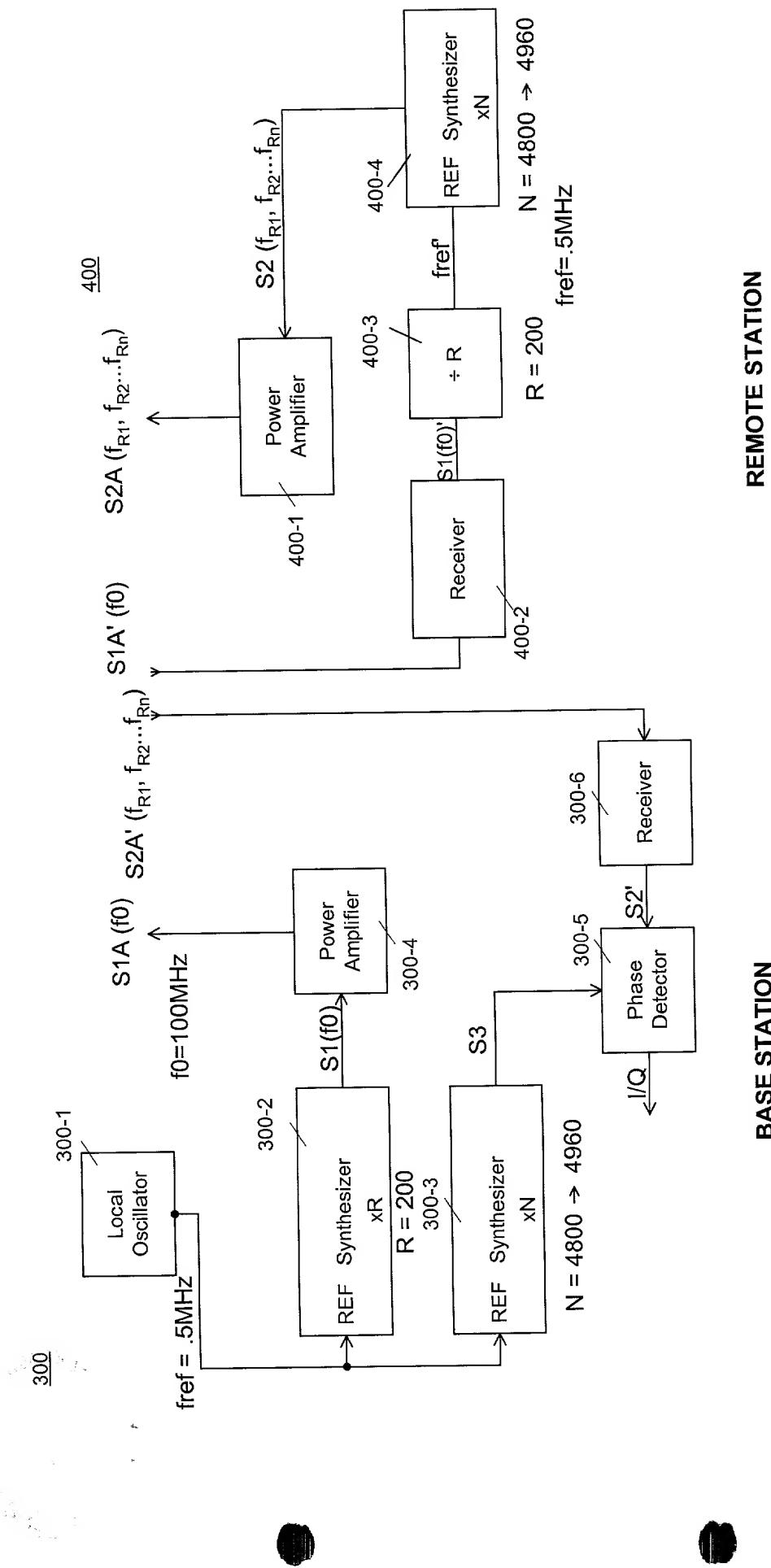
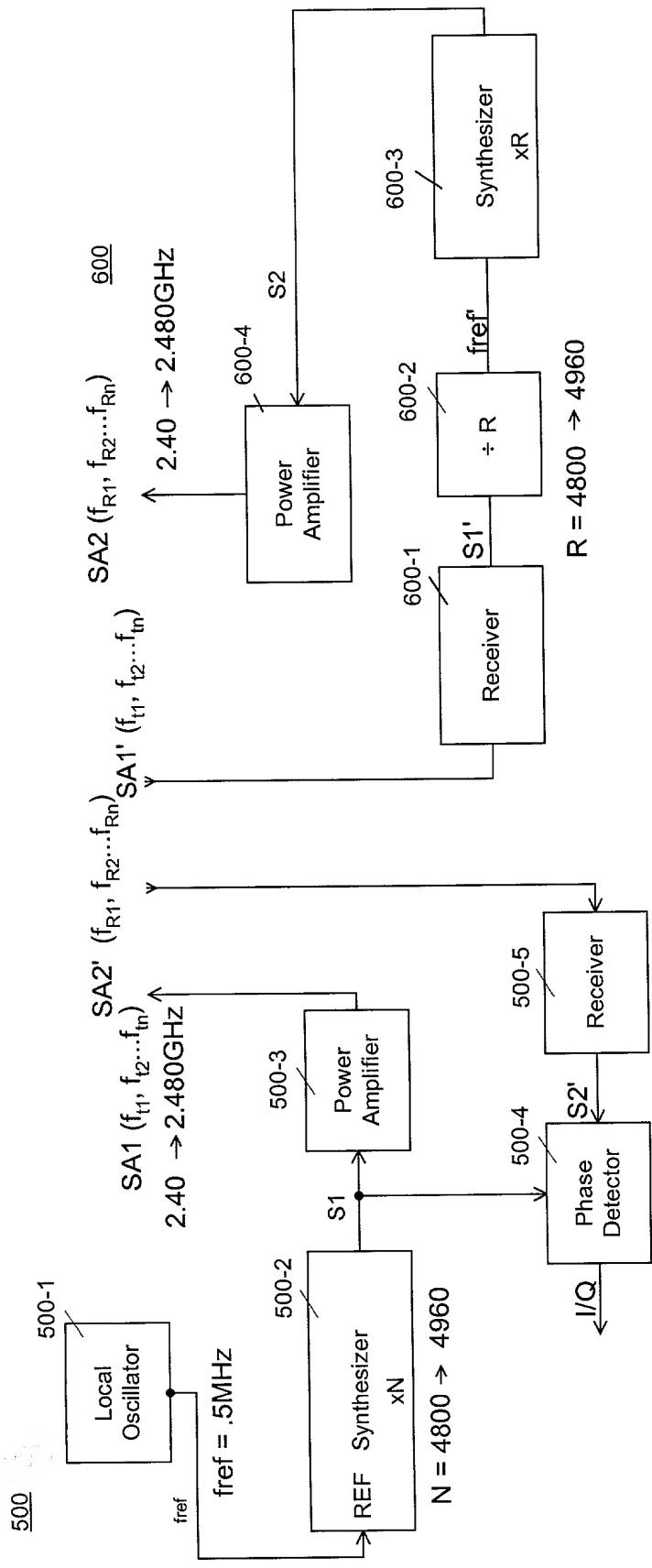


FIG. 7



BASE STATION

FIG. 8 REMOTE STATION

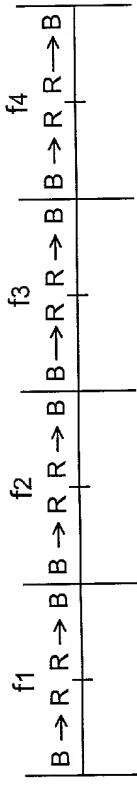


FIG. 9

Figure 10A
Amplitude vs. Frequency
Direct path = 20ns, echo = 80ns.

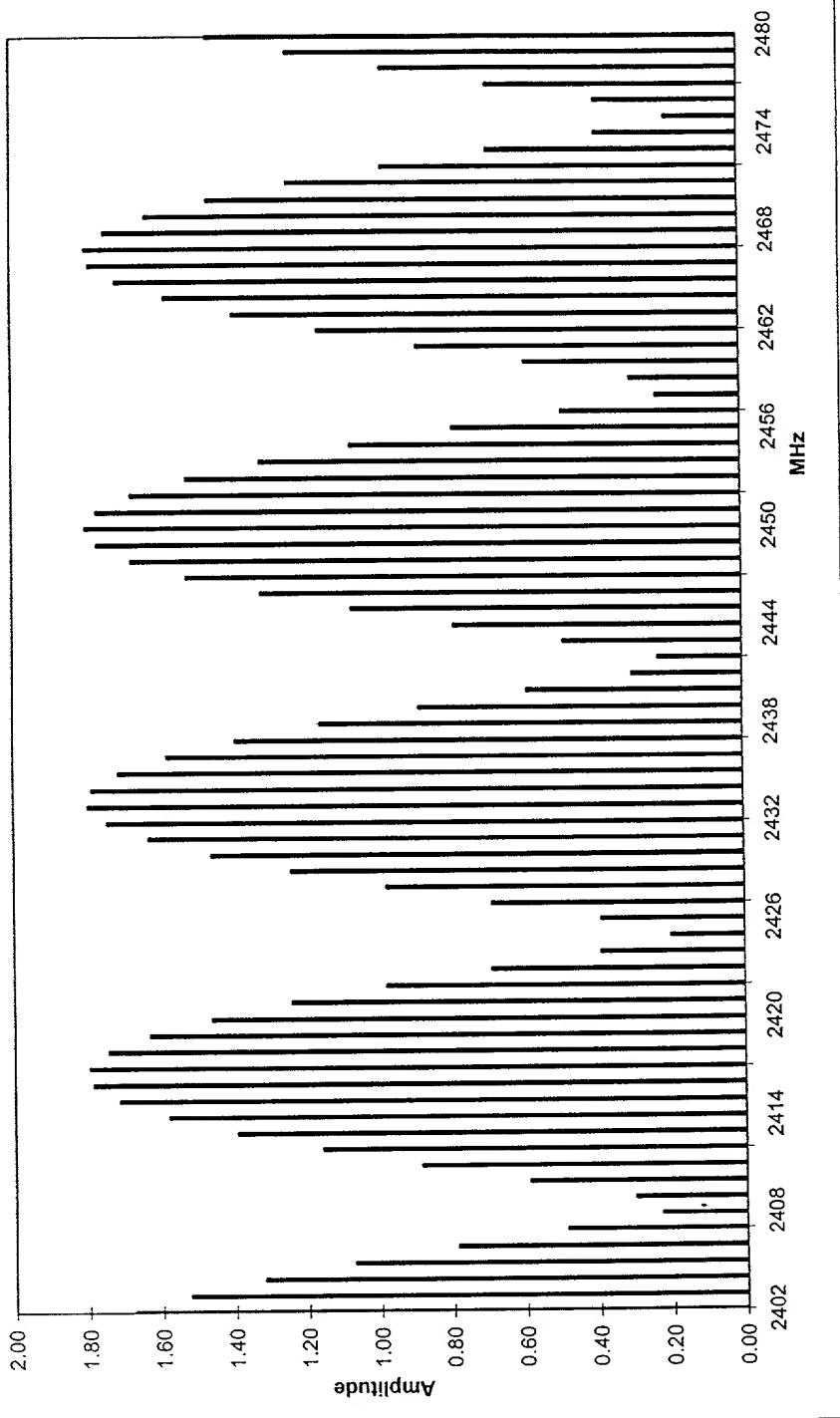
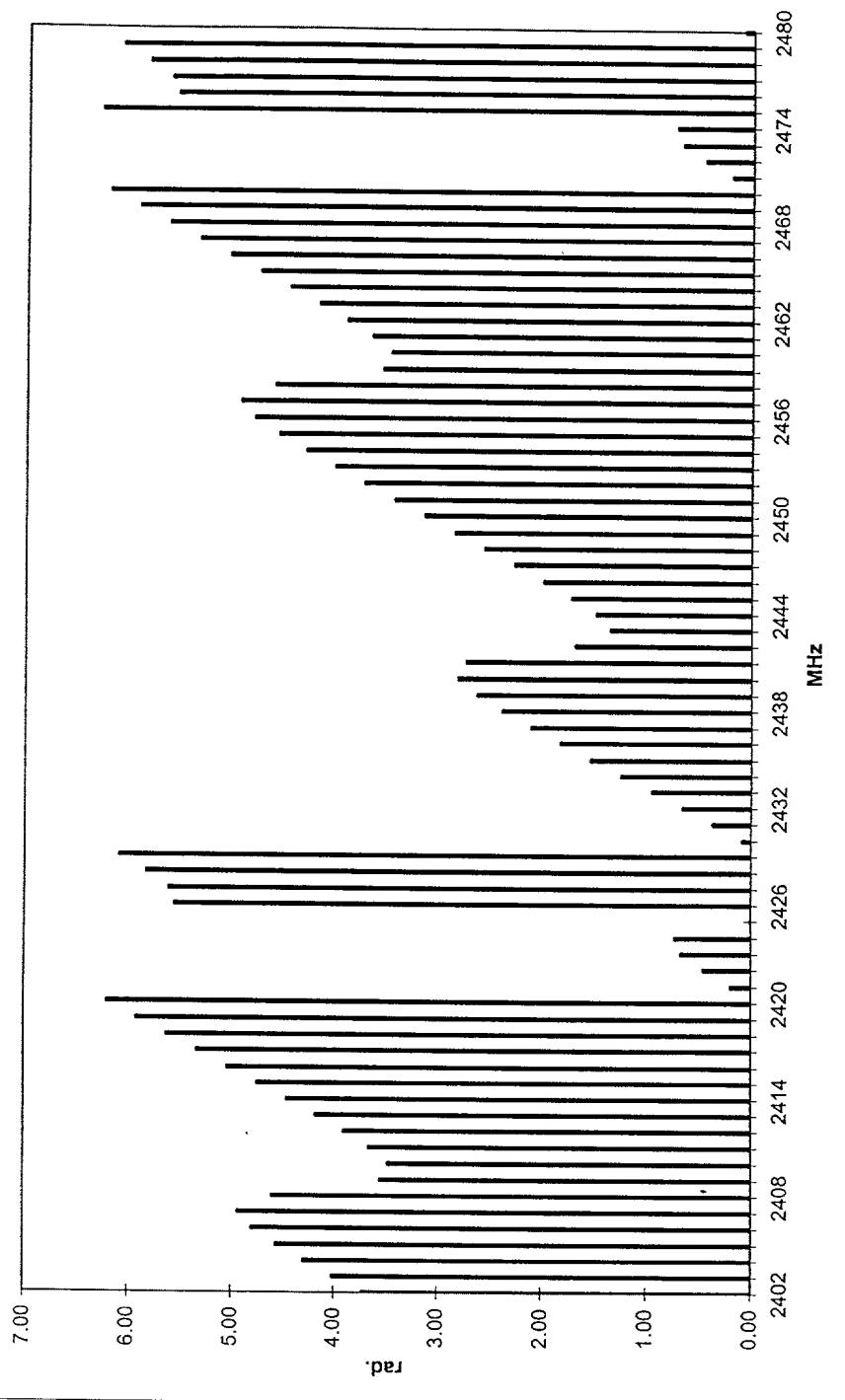


Figure 10B
Phase shift vs. Frequency
Direct path = 20ns, echo = 80ns.



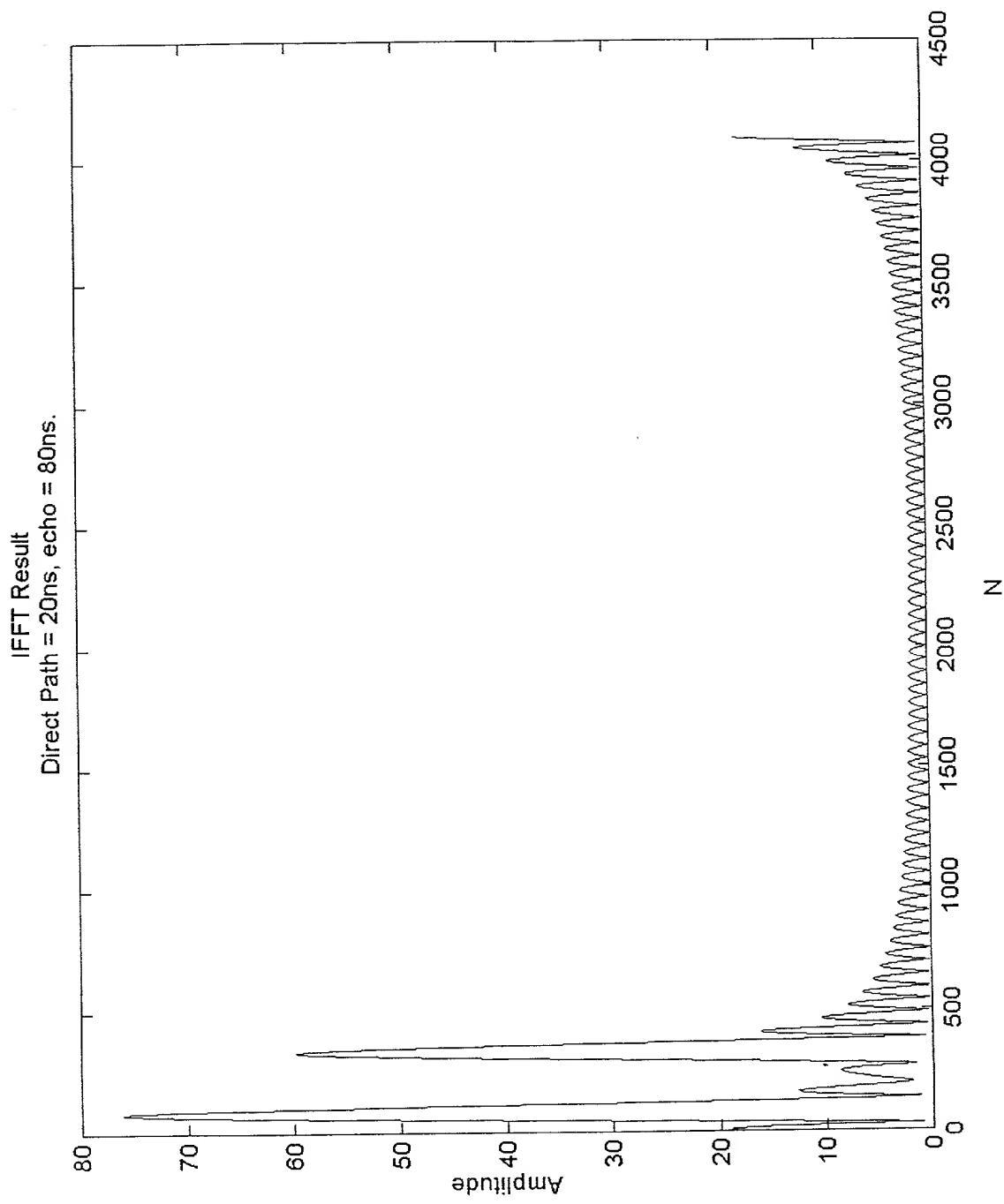


FIGURE 10C

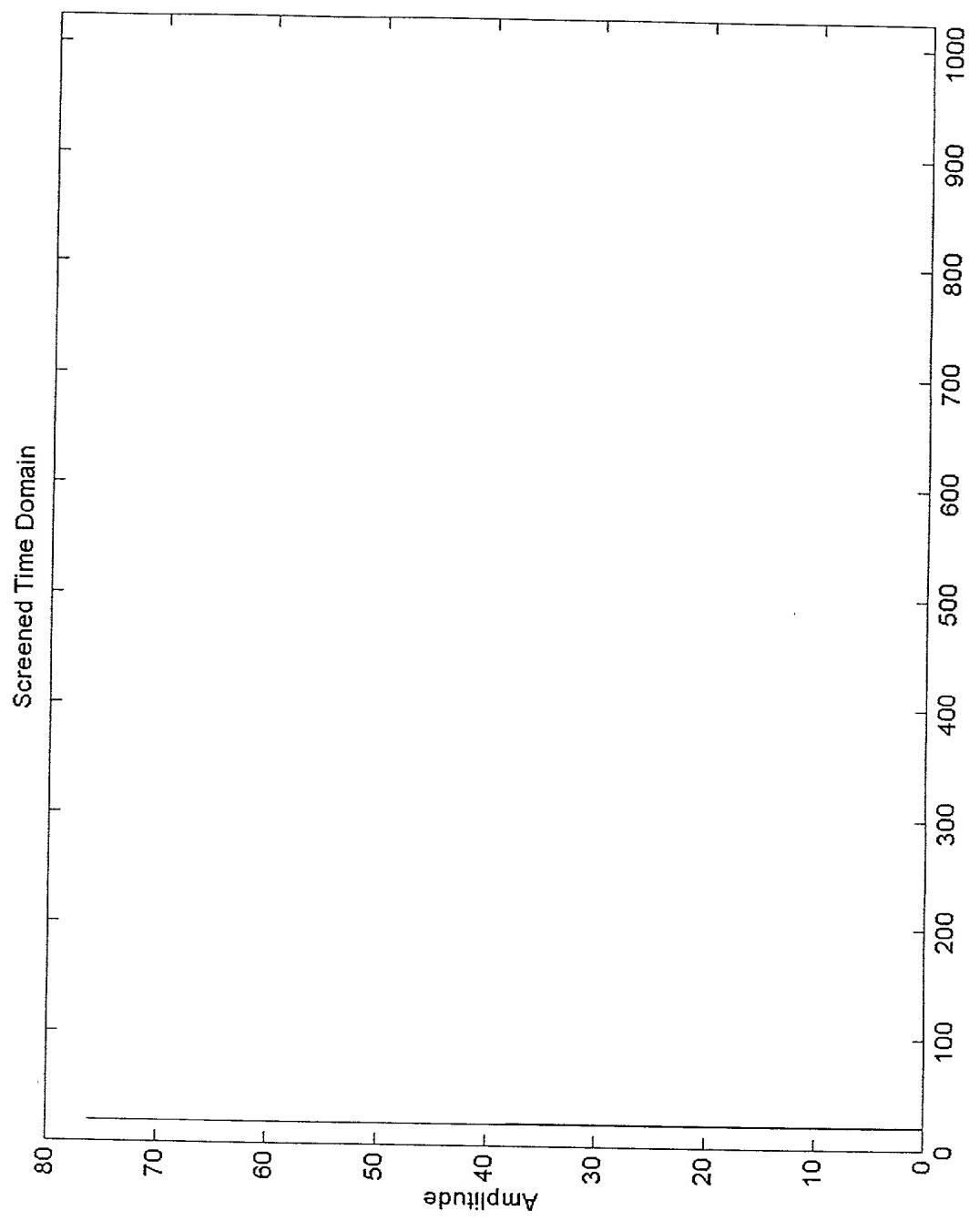


FIGURE 10D

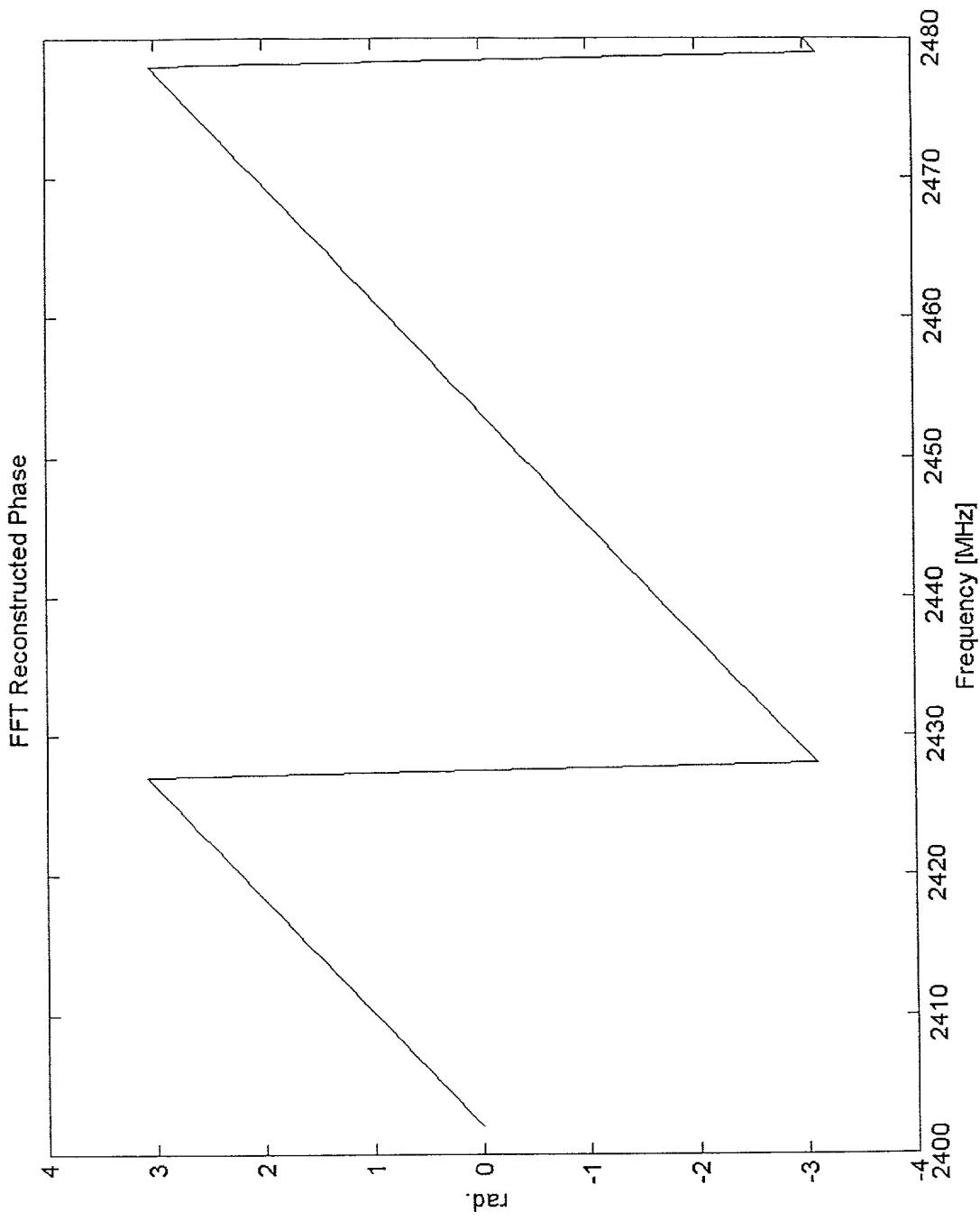


FIGURE 10E

Figure 11A
Direct path = 20ns, echos = 80ns,120ns.

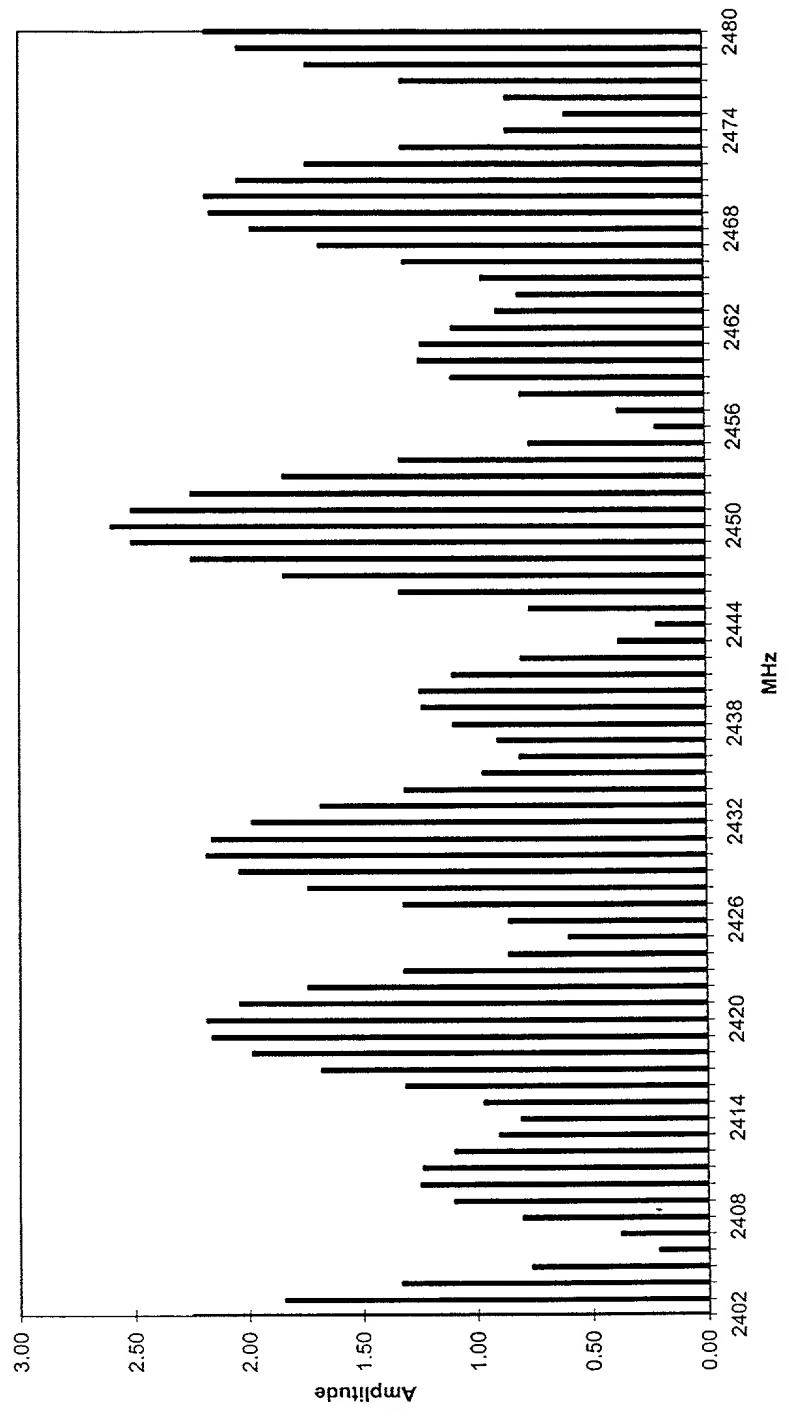
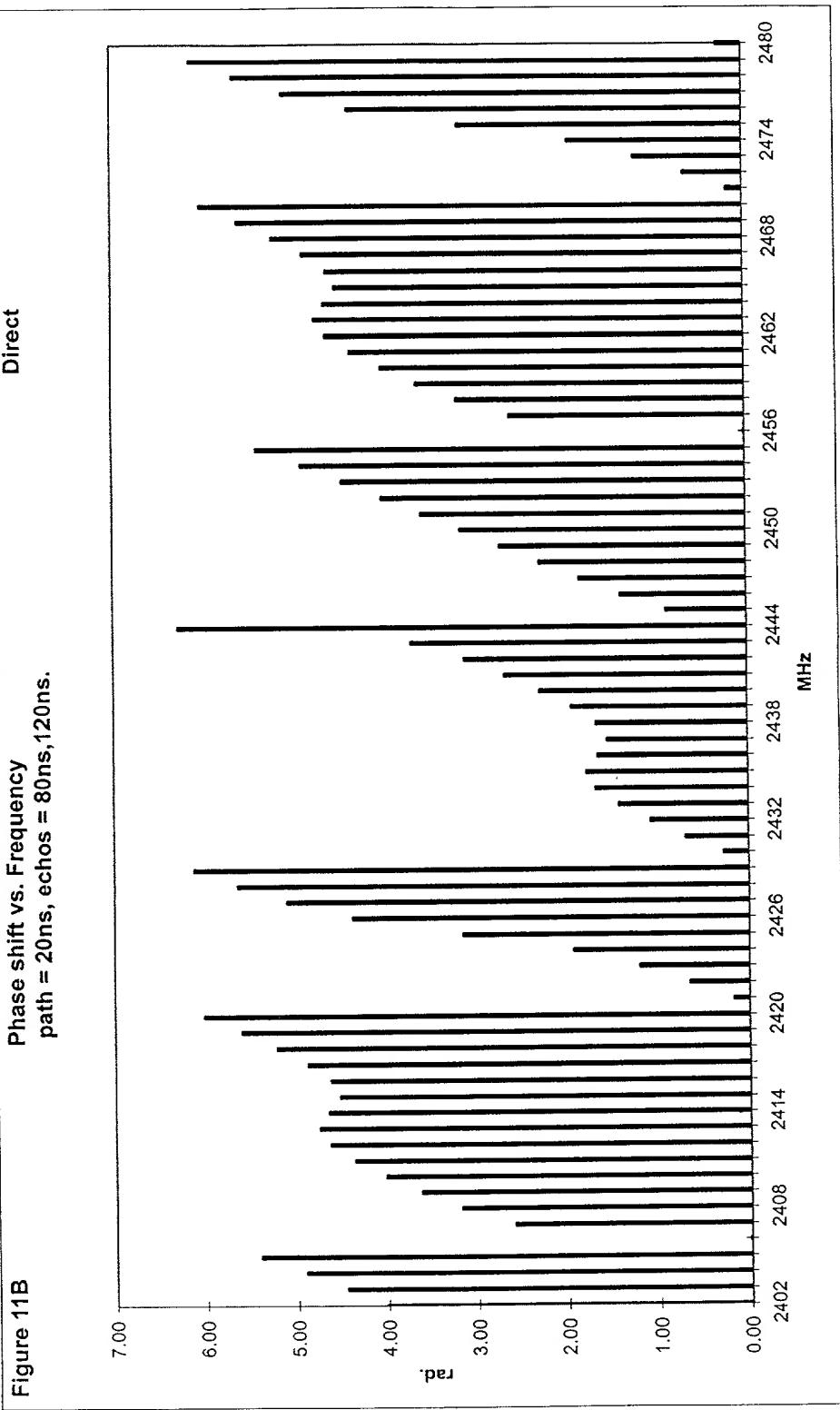


Figure 11B Phase shift vs. Frequency
path = 20ns, echos = 80ns, 120ns.



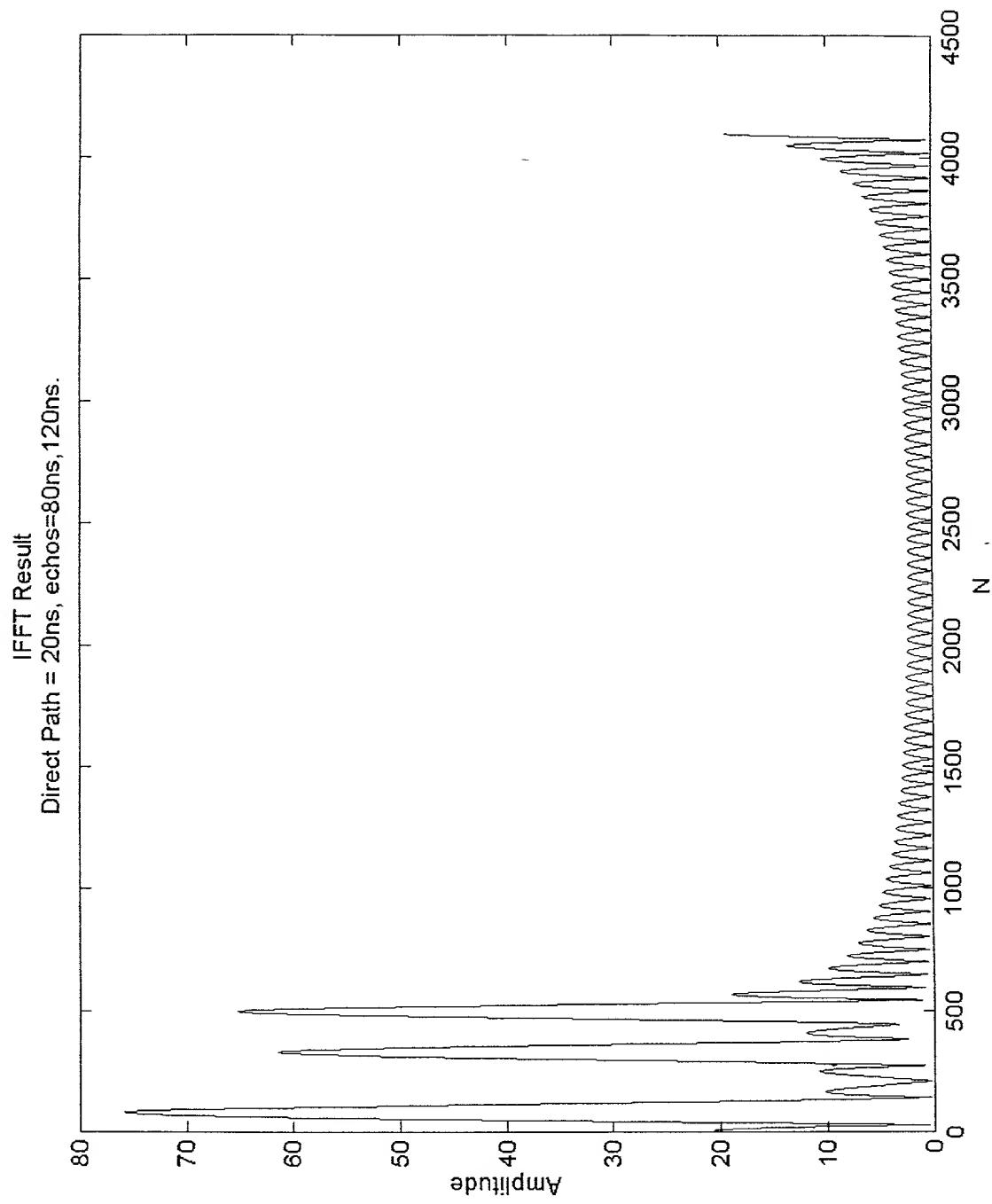


FIGURE 11C

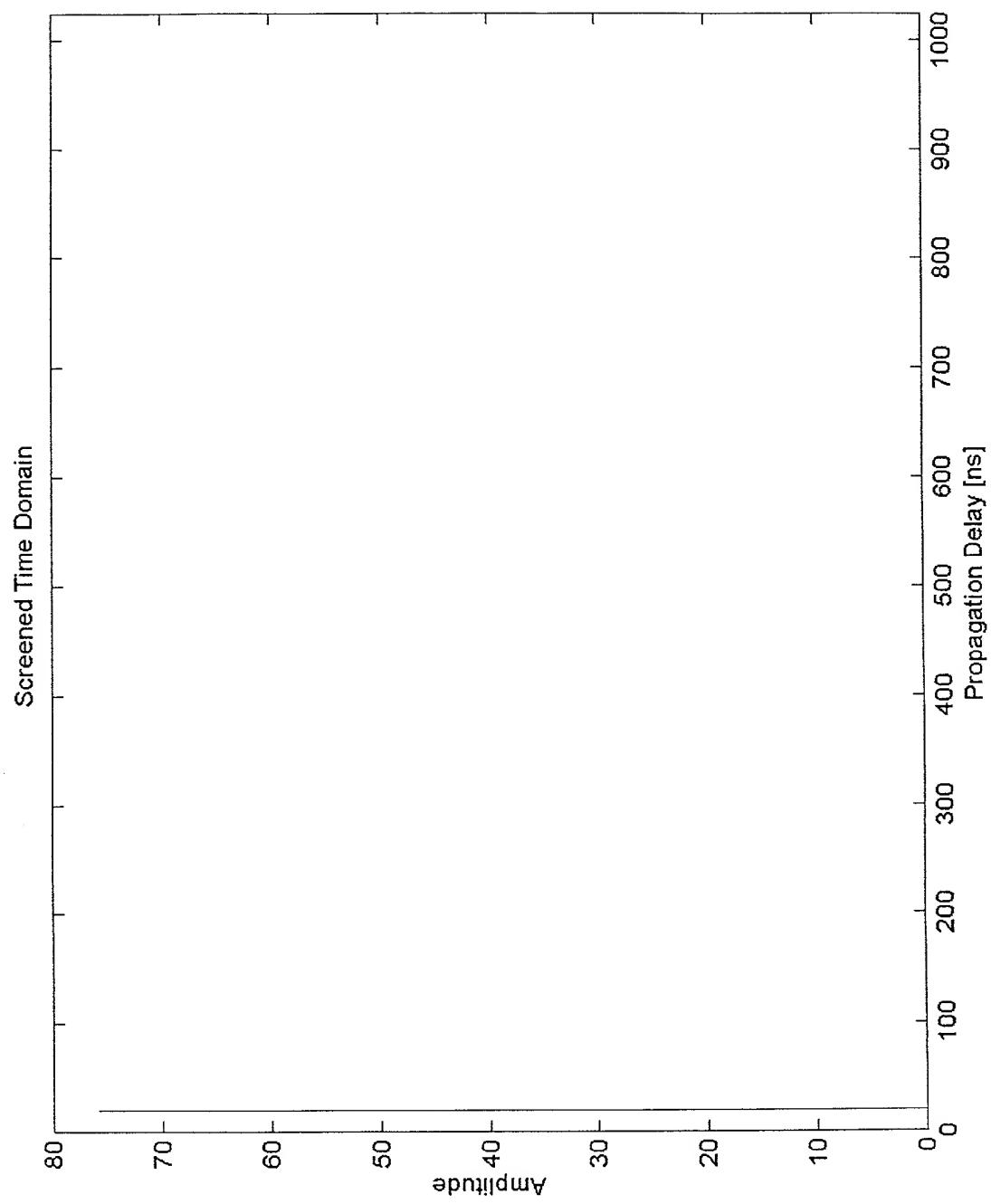


FIGURE 11D

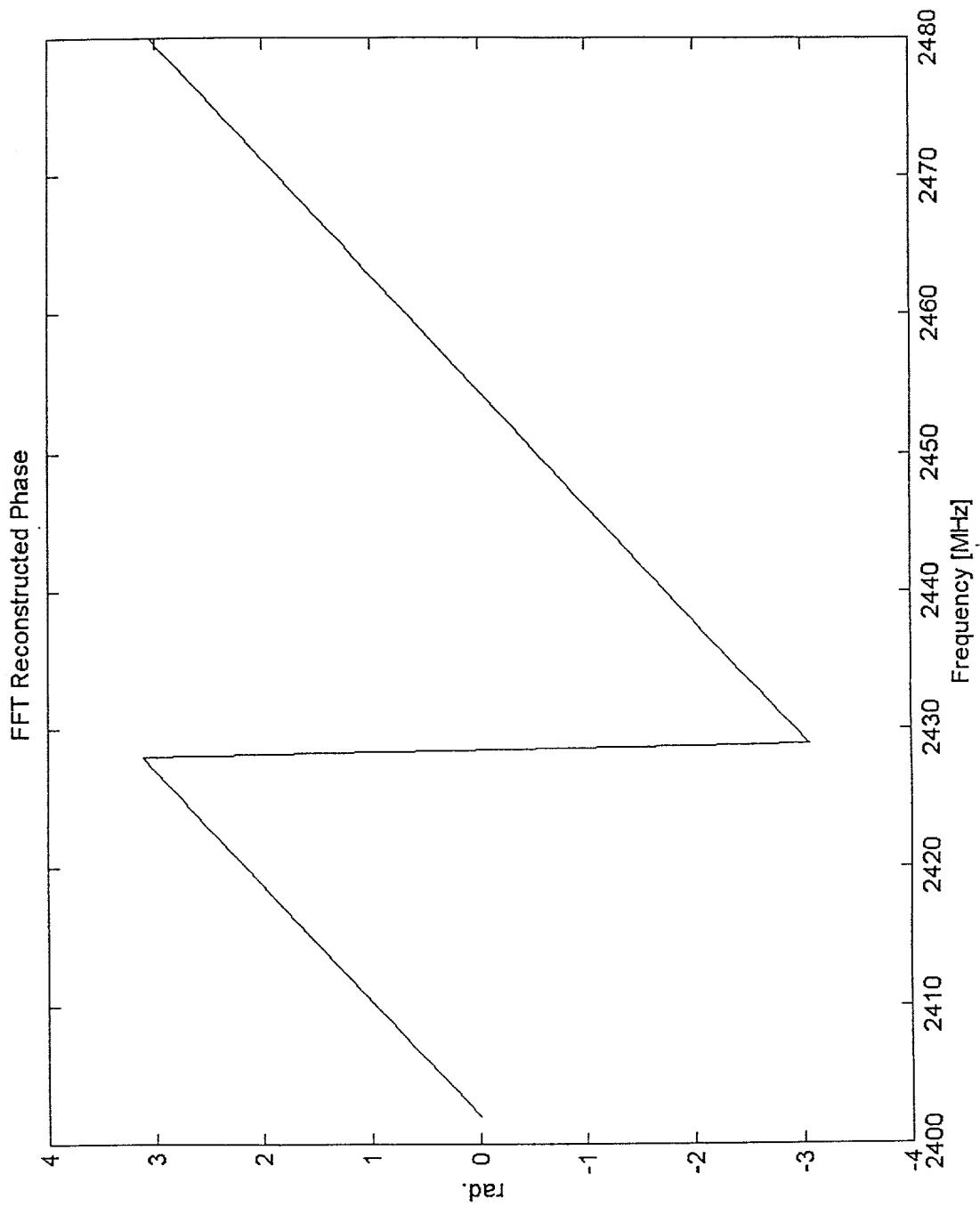


FIGURE 11E

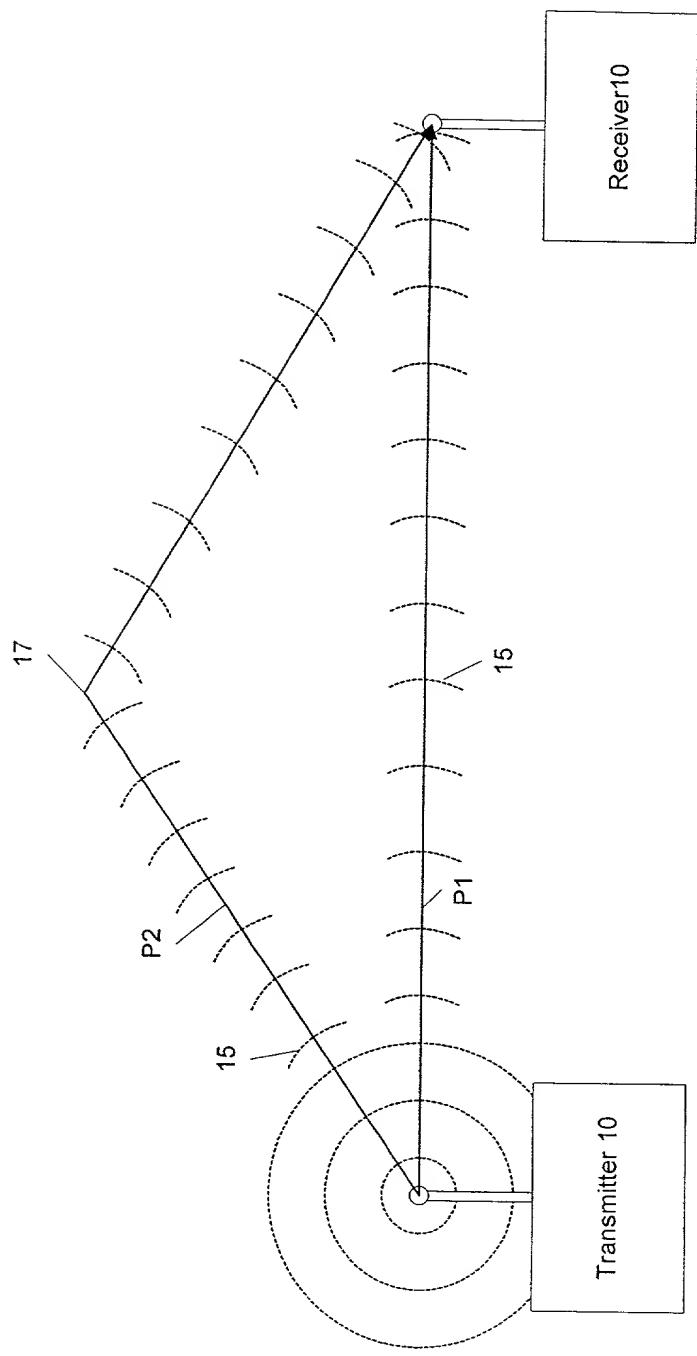


FIGURE 12